



32692

Customer Number

Patent
Case No.: 58983US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: MAGARILL, SIMON

Application No.: 10/701201

Group Art Unit: 2875

Filed: November 4, 2003

Examiner: James W. Cranson, Jr.

Title: SIDE REFLECTOR FOR ILLUMINATION USING LIGHT EMITTING DIODE

INFORMATION DISCLOSURE STATEMENTMail Stop: RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

I hereby certify that this correspondence is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.

Oct 16, 2005

Date

Signed by:

Shannon M. Bruce

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

A Request for Continued Examination under 37 CFR § 1.114 is being filed concurrently, thus it is believed that no fee is due for this Information Disclosure Statement.

Respectfully submitted,

By:

George W. Joras, Reg. No. 46,811
Telephone No.: 651-736-6933

Date

10/6/05
Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

Page 1 of 5

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,756,688	09/04/1973	Hudson et al.	
	A2	US- 3,984,178	10/05/1976	Bergqvist	
	A3	US- 4,915,489	04/10/1990	Minko	
	A4	US- 5,055,892	10/08/1991	Gardner et al	
	A5	US- 5,285,318	02/08/1994	Gleckman	
	A6	US- 5,428,365	06/27/1995	Harris	
	A7	US- 5,442,414	08/15/1995	Janssen	
	A8	US- 5,592,188	01/07/1997	Doherty	
	A9	US- 5,625,738	04/29/1997	Magarill	
	A10	US- 5,633,737	05/27/1997	Tanaka	
	A11	US- 5,719,706	02/17/1998	Masumoto	
	A12	US- 5,757,341	05/26/1998	Clarke	
	A13	US- 5,764,319	06/09/1998	Nishihara	
	A14	US- 5,796,526	08/18/1998	Anderson	
	A15	US- 5,863,125	01/26/1999	Doany	
	A16	US- 5,971,545	10/26/1999	Haitz	
	A17	US- 5,987,793	11/23/1999	Ebine	
	A18	US- 6,028,694	02/22/2000	Schmidt	
	A19	US- 6,061,183	05/09/2000	Nakai	
	A20	US- 6,104,458	08/15/2000	Fukuda	
	A21	US- 6,104,541	08/15/2000	Otomo	
	A22	US- 6,139,156	10/31/2000	Okamori et al.	
	A23	US- 6,144,426	11/07/2000	Yamazaki	
	A24	US- 6,177,761	01/23/2001	Pelka	
	A25	US- 6,196,699	03/06/2001	Stanton	
	A26	US- 6,224,216	05/01/2001	Parker	
	A27	US- 6,227,669	05/08/2001	Tiao et al.	
	A28	US- 6,236,512	05/22/2001	Nakai	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 2 of 5	Application Number	10/701201
	Filing Date	November 4, 2003
	First Named Inventor	Magarill, Simon
	Art Unit	2875
	Examiner Name	James W. Cranson, Jr.
	Attorney Case Number	58983US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A29	US- 6,252,636	06/26/2001	Bartlett	
	A30	US- 6,254,237	07/03/2001	Booth	
	A31	US- 6,318,863	11/20/2001	Tiao et al.	
	A32	US- 6,330,039	12/11/2001	Matsui	
	A33	US- 6,332,688	12/25/2001	Magarill	
	A34	US- 6,336,724	01/08/2002	Shoui et al.	
	A35	US- 6,341,867	01/29/2002	Itoh	
	A36	US- 6,398,389	06/04/2002	Bohler et al.	
	A37	US- 6,402,347	06/11/2002	Maas	
	A38	US- 6,412,953	07/02/2002	Tiao et al.	
	A39	US- 6,419,365	07/16/2002	Potekev et al.	
	A40	US- 6,459,835	10/01/2002	Nagaoka et al.	
	A41	US- 6,471,358	10/29/2002	Itoh et al.	
	A42	US- 6,483,196	11/19/2002	Wojnarowski	
	A43	US- 6,491,443	10/10/2002	Serizawa et al.	
	A44	US- 6,499,863	12/31/2002	Dewald	
	A45	US- 6,505,939	01/14/2003	Bierhuizen et al.	
	A46	US- 6,527,419	03/04/2003	Galli	
	A47	US- 6,547,400	04/15/2003	Yokoyama	
	A48	US- 6,547,423	04/15/2003	Marshall	
	A49	US- 6,561,654	05/13/2003	Mukawa et al.	
	A50	US- 6,570,190	05/27/2003	Krames	
	A51	US- 6,591,037	07/08/2003	Yonekubo	
	A52	US- 6,595,648	07/22/2004	Woodgate et al.	
	A53	US- 6,623,122	09/23/2003	Yamazaki et al.	
	A54	US- 6,644,814	11/11/2003	Ogawa	
	A55	US- 6,646,806	11/11/2003	Bierhuizen	
	A56	US- 6,657,236	12/02/2003	Thibeault	

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 3 of 5	Application Number	10/701201
	Filing Date	November 4, 2003
	First Named Inventor	Magarill, Simon
	Art Unit	2875
	Examiner Name	James W. Cranson, Jr.
	Attorney Case Number	58983US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A57	US- 6,672,724	01/06/2004	Peterson, et al.	
	A58	US- 6,688,747	02/10/2004	Wichner et al.	
	A59	US- 6,726,329	04/27/2004	Li et al.	
	A60	US- 6,733,139	05/11/2004	Childers et al.	
	A61	US- 6,843,566	01/18/2005	Mihara	
	A62	US- 2001/0022613	09/20/2001	Matsui	
	A63	US- 2001/0046131	11/29/2001	Hoelen	
	A64	US- 2001/0048493	12/06/2001	Swanson	
	A65	US- 2001/0048560	12/06/2001	Sugano	
	A66	US- 2002/0003669	01/10/2002	Kedar et al.	
	A67	US- 2002/0093743	07/18/2002	Miyamae	
	A68	US- 2002/0097000	07/25/2002	Muthu	
	A69	US- 2002/0114157	08/22/2002	Fu-Ming et al.	
	A70	US- 2002/0145708	10/10/2002	Childers et al.	
	A71	US- 2002/0154277	10/24/2002	Mukawa et al.	
	A72	US- 2002/0159036	10/31/2002	Yamagishi	
	A73	US- 2002/0186350	12/12/2002	Peterson	
	A74	US- 2003/0016539	01/23/2003	Minano	
	A75	US- 2003/0133080	07/17/2003	Ogawa	
	A76	US- 2003/0193649	10/16/2003	Seki	
	A77	US- 2004/0004176	01/08/2004	Liang	
	A78	US- 2004/0062044	04/01/2004	Kazunari	
	A79	US- 2004/0080938	04/29/2004	Holman et al.	
	A80	US- 2004/0174501	09/09/2004	Slobodin et al.	
	A81	US- 2004/0207816	10/21/2004	Manabu et al.	

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 4 of 5	Application Number	10/701201
	Filing Date	November 4, 2003
	First Named Inventor	Magarill, Simon
	Art Unit	2875
	Examiner Name	James W. Cranson, Jr.
	Attorney Case Number	58983US002

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	EP	0 083 527	07/13/1983			
	B2	EP	0 322 070	06/28/1989			
	B3	EP	0 587 371	03/16/1994			
	B4	EP	0 740 178	10/30/1996			
	B5	EP	0 837 350	04/22/1998			
	B6	EP	0 881 514	12/02/1998			
	B7	EP	1 003 064	05/24/2000			
	B8	EP	1 052 856	11/15/2000			
	B9	EP	1 398 659	03/17/2004			
	B10	JP	09-018072	01/17/1997			Abstract
	B11	JP	10-123512	05/15/1998			Abstract
	B12	JP	11-231316	08/27/1999			Abstract
	B13	JP	2000-305040	11/02/2000			Abstract
	B14	JP	2002-133932	05/10/2002			Abstract
	B15	JP	2002-184206	06/28/2002			Abstract
	B16	JP	2003-330109	11/19/2003			Abstract
	B17	JP	2005-128236	05/19/2005			Abstract
	B18	WO	2003/56876	07/10/2003			
	B19	WO	2004/107751	12/09/2004			

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	JACOBSON, et al., "Novel Compact Non-Imaging Collectors for LED Arrays", Illumitech, Inc., bjacobson@illumitech.com	
	C2	Secondary Optics Design Considerations for SuperFlux LEDs, application brief AB20-5, Appendix 5A, pages 5-22	
	C3	STEVE PAOLINI, GERARD HARBERS, MATTHIJS KEUPER, Lumileds, Light from Silicon Valley, High-Power LED Illuminators in Projection Displays, pages 1-19	
	C4	GERARD HARBERS, WIM TIMMERS, WILLEM SILLEVIS-SMITT, LED Backlighting for LCD HDTV, Journal of the SID, 10/4, 2002, pages 347-350	

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 5 of 5	Application Number	10/701201
	Filing Date	November 4, 2003
	First Named Inventor	Magarill, Simon
	Art Unit	2875
	Examiner Name	James W. Cranson, Jr.
	Attorney Case Number	58983US002

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C5	LumiBright Light Engine, Innovations in Optics, Inc, Woburn, Massachusetts	
	C6	Laikin, Milton, "Lens Design-Third Edition, Revised and Expanded", Table of Contents, pp. 305-312, Marcel Dekker, New York, 2001.	
	C7	Melles Griot: "Specifying Laser Diode Optics" Online! 2000, 2002 XP002323875, Section "Focusing Lenses For Fiber Optics" Lines 19-23, Figures 3, 4	

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement)